

IKO enertherm BM

Product description:

IKO enertherm BM is a **100 % CFC, HCFC or HFC free** insulation board with a core of hard Polyisocyanurate foam, laminated on one side with polypropylene coated bituminised **sand and talc free glass fibre** and on the other side with perforated coated glass fibre. To install bitumen roofing sections using a flame torch: bituminised **sand and talc free glass fibre** to be applied facing upwards. With synthetic roof sections: perforated coated glass fibre to be applied facing upwards.

Application:

Roof top: flat roof insulation for use with torch-applied bituminous roofing

Edge finish:

 Straight

Thermal performance:

Thermal conductivity: (EN 13165) λ_D : **0,027 W/(m.K)** until 120 mm and **0,026 W/(m.K)** from 120 mm.

Technical details:

- Compressive strength at 10 % deformation: \geq **150 kPa (15 ton/m²)**
- Behaviour under uniformly distributed loading: **class C** (\leq 5 % deformation at 80 °C and 40 kPa loading)
- Closed cells: **more than 95%**
- Water vapour diffusion resistance: PIR foam: $\mu = 60$ - lamination: $\mu > 100$



Fire properties

Fire class to EN 13501-1: **NPD**

Technical approvals:

Europe: CE marking - EN 13165: T2-DS(TH)8-DLT(2)5-TR80-CS(10/Y)150-WL(T)1

Belgium: ATG2726 - ATG H867

Netherlands: Komo CTG 485

Availability:

| BM (mm) | 30 | 40 | 50 | 60 | 70 | 81 | 100 |
|----------|----|----|----|----|----|----|-----|
| 1200x600 | - | - | - | - | - | - | - |

| Packaging units | | 30 | 40 | 50 | 60 | 70 | 81 | 100 |
|-----------------|----------------------|--------|-------|-------|-------|-------|------|-------|
| 1200 x 600 | m ² /pack | 11,52 | 8,64 | 7,20 | 5,76 | 5,04 | 4,32 | 3,60 |
| | m ² /pall | 115,20 | 86,40 | 72,00 | 57,60 | 50,40 | 43,2 | 36,00 |